

NAVICP's PBL Perspective



- ***Today's Challenges***
- ***Response to Challenge***
- ***The PBL Solution***
- ***The PBL Process***
- ***Where We Are***

Ready. Resourceful.

Response



Presented to:
LOG 235B Class
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Today's Challenges

“A Delicate Balance”

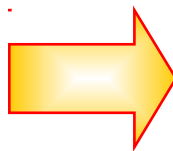
Legacy Support

- **Aging Weapons Systems**
 - Consumption - Up
 - Reliability - Down
 - Complex Configuration Issues
- **Declining Parts Inventories**
 - Obsolescence - Up
 - Funding - Down
- **Vendor Base**
 - Shrinking and Volatile
 - Mergers and Relocations

Future Readiness

- **Attain Recapitalization Objectives**
 - Reduce workload
 - Focus on savings
- **Transformation**
 - Realign infrastructure
 - Implement cost-wise readiness
- **Movement to TLS**
 - Increase Performance Based Support
 - Expand to other ILS elements

***Yesterday's inventory intense and sub-optimized solution no longer an option
need new strategy***



Today's Challenges

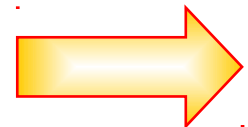
New Guidance

DoD 5000. PMs shall develop and implement performance-based logistics (PBL) strategies that optimize total system availability while minimizing cost and logistics footprint.

DoN PBL Guidance. The Department of Navy's (DoN) preferred product support strategy is to use PBL. PBL will be implemented when it improves warfighter support and makes good business sense. Regardless, if analysis does or does not support implementing PBL, the decision rationale will be documented and retained in the program office.

*New integrated direction ... Total
Life Cycle Systems Management*

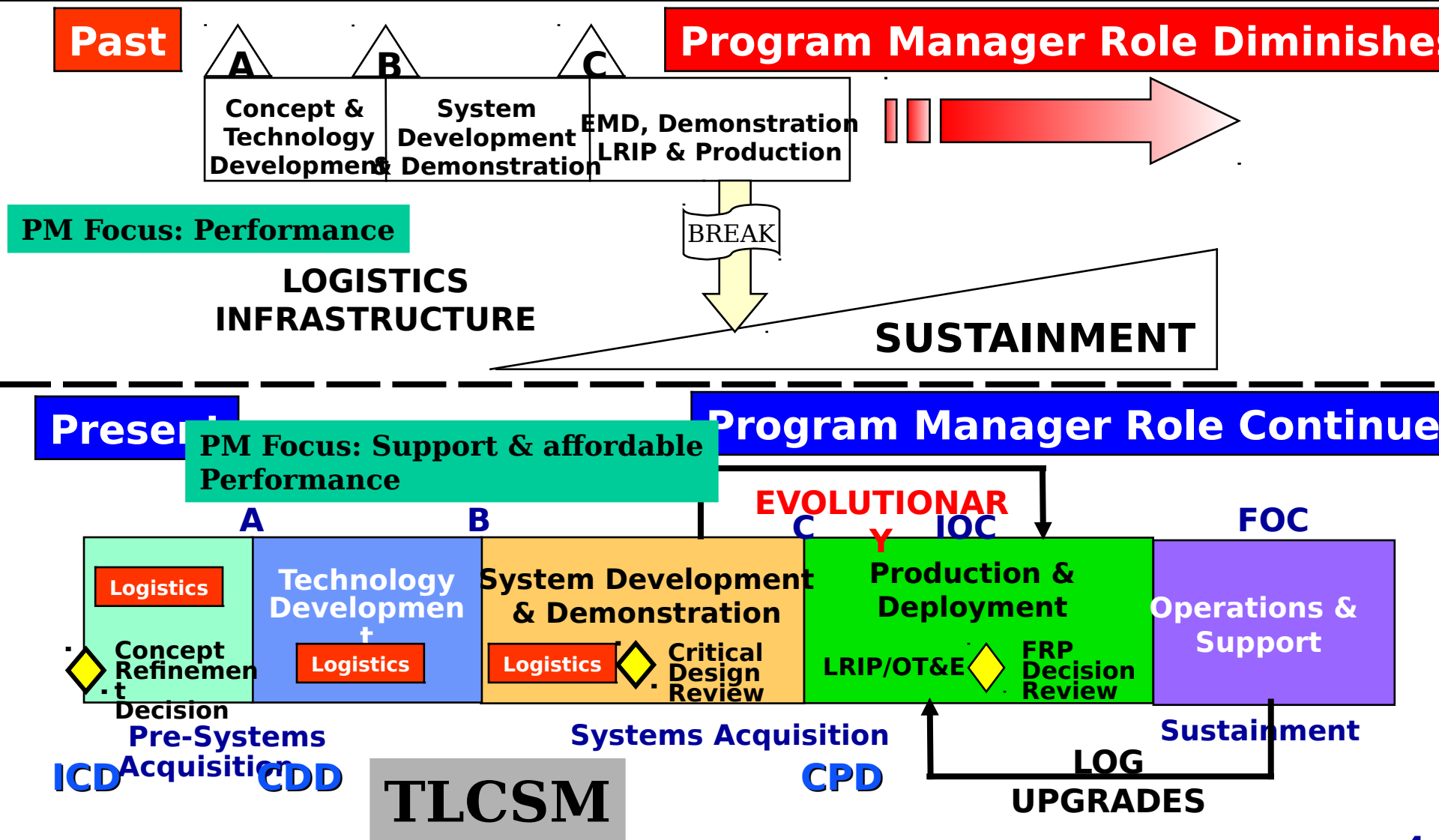
(TLCM)





NAVAL INVENTORY CONTROL
POINT

Today's Challenges: TLCSM Acquisition/Sustainment Model



Response To Challenge

A Different Acquisition

Strategy

Pre - 1996

1997 - 1999

2000 and Beyond

Traditional Inventory

**Buying Parts to
Address Failure**



Managing Supplies



Supply Chain

**Attacking Logistic
Failures**

- ✓ Improve Reliability
- ✓ Resolve Obsolescence
- ✓ Integrate Support Solutions

**Managing Relationships
and Outcomes**

- ✓ Customer Focused Goals
- ✓ Gov't/Industry Partnerships

Turning to Commercial Best Practices

PBL Background

Alternative logistics support solutions that transfer traditional DoD inventory management, technical support, and supply chain functions to the provider for a guaranteed level of performance at the same or reduced cost.

PBL Supplier Roles

- Warehousing
- Requirements determination
- Engineering/tech services
- Transportation
- Repair/overhaul/replace decision
- Consumable
- Obsolescence management
- Configuration management
- Technology/reliability insertion

piece parts

Purpose

**Cultivate
Long Term
Partnerships
With
Industry**

**Lower Response Time
Lighten Logistics
Footprint
Increase Availability**

**Leverage
Commercial
Supply
Chain
Solutions**

The PBL Solution

Development Process...12-24 Months →

**Candida
te**

**Business
Case
Analysis**

**Negotiat
e/
Award/**

Input From:

- Program Office
- Fleet
- Industry
- ICP **"Opportunity Index"**

Focus On:

- New Systems
- Commercial for Life
- Low Reliability
- Poor Availability
- Obsolescence

Responsibilities:

Government:

- Must accurately capture & forecast costs of traditional government processes

Contractor:

- Proposal in response to SOW
- Incorporate commercial best practices and industry expertise... costing based on the re-engineered process

Focus On:

- Best Value Support
- Transition Plan
- Performance Tracking
- Program Reviews

**Includes
Title 10 analysis
prior to
award**

The PBL Solution

PBLs: One Size Does NOT fit All ...Each is Unique!

- **Contract Type:**
 - *Fixed, Cost +*
- **Length:**
 - *5-15 Years; Base & Option(s)*
- **Metrics:**
 - *Availability, Reliability*
- **Incentive:**
 - *Profit tied to performance*
 - *Award fees*
- **Risk Sharing:**
 - *Ramp-up Periods*
 - *Exit Provisions*
 - *Gain Sharing*
- **Obsolescence Management**
 - *Product life cycle mgmt*
- **Long Term Partnerships:**
 - *Promote Supplier Investment*
 - *Technology Infusion*
 - *Enable Supplier ROI*
- **Best Business Practices:**
 - *Six Sigma*
 - *Lean Logistics*
 - *Theory of Constraints*
- **Focused on Performance**
 - *Right behavior incentivized*
 - *Better performance, more award*
- **Tracking**
 - *Joint Review Boards*
- **DLA Involvement**
 - *Markets self as Best value*

Procuring Supply Chain Performance ... NOT just parts

The PBL Solution

Total Life Cycle Systems Management

Acquisition



Sustainment



Disposal

**Industry /
Organic**



**Buys
Performance
As a Package**
(Including Surge/Flexibility)



Support Provider

**Weapons System
Management**

Force Provider



**Delivers best-value,
performance based
product support strategy**

PBL

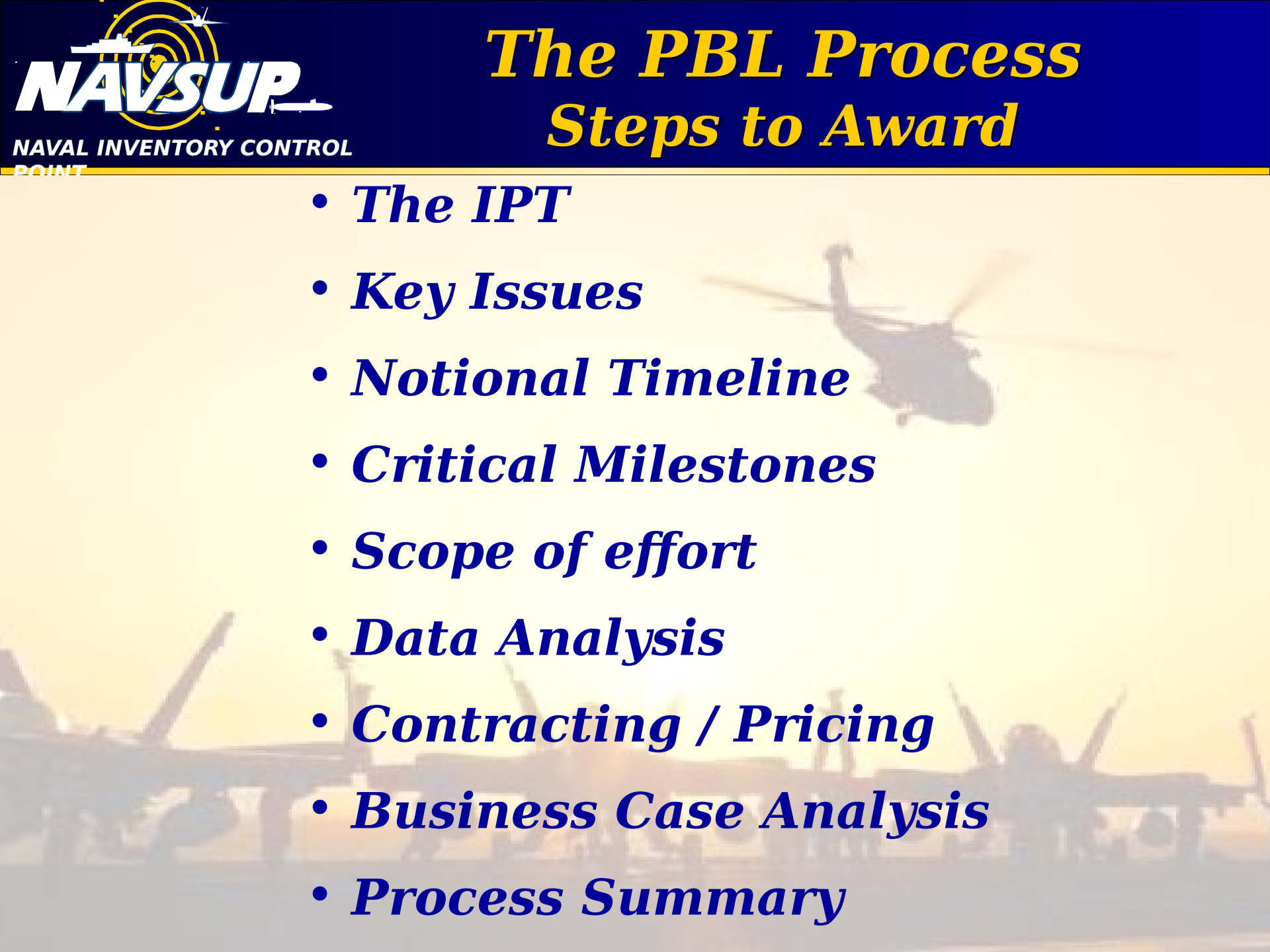


PBA

**Specifies
performance
and support
requirement**

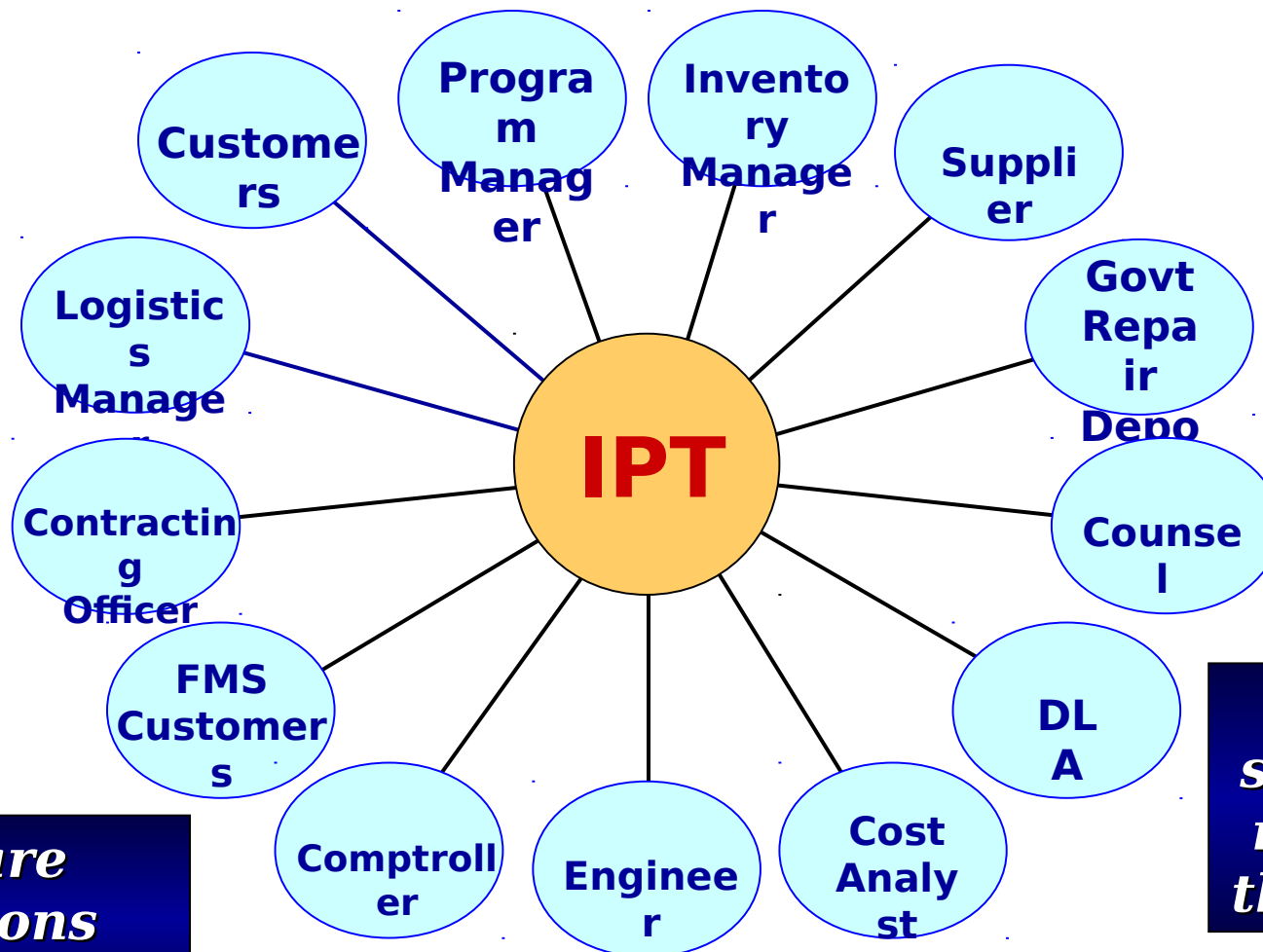
Increase Scope of PBLs ... Encompass all ILS Elements

The PBL Process Steps to Award

- ***The IPT***
 - ***Key Issues***
 - ***Notional Timeline***
 - ***Critical Milestones***
 - ***Scope of effort***
 - ***Data Analysis***
 - ***Contracting / Pricing***
 - ***Business Case Analysis***
 - ***Process Summary***
- 

The PBL Process *The IPT*

Integrated Product Team



*Share
Lessons
Learned*

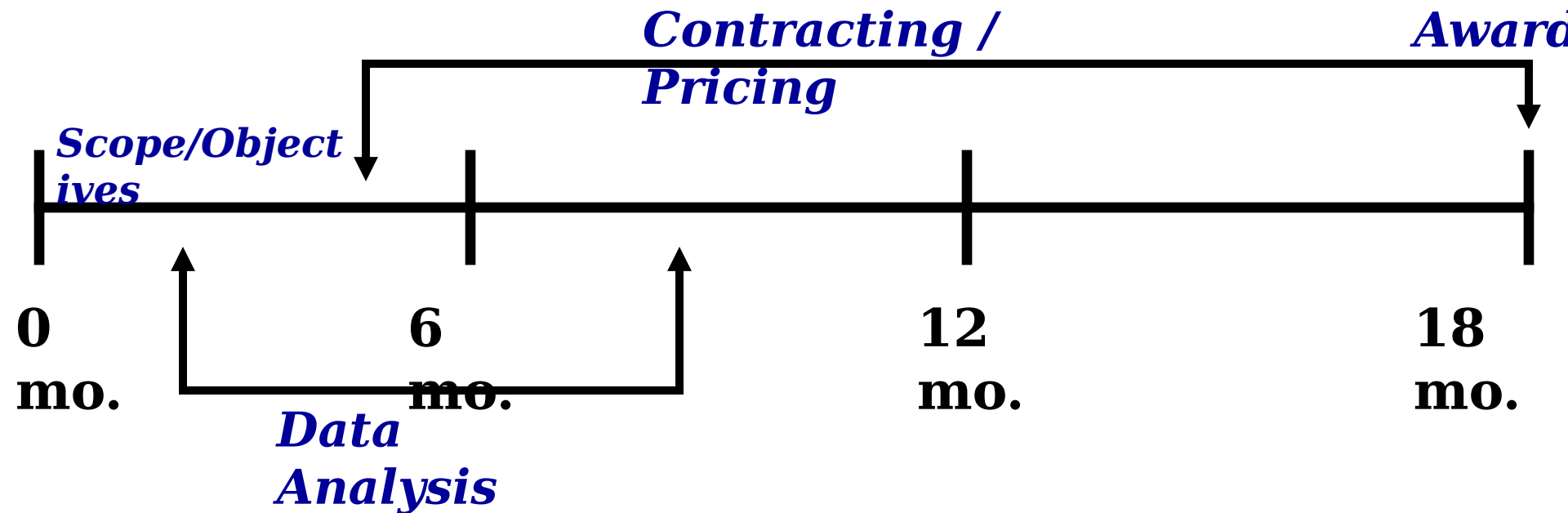
*Engage
stakeholders
early in
the process*

The PBL Process Key Issues

- ***Scope of Effort / Objectives***
 - ***Universe of systems/components/NSNs***
 - ***Intended ILS coverage***
- ***Financial Issues***
 - ***Funding Streams ... ties to scope of effort***
 - ***Cash Flow***
- ***Metrics***
- ***Core / Partnership Issues***
- ***Transparency to Customer***
- ***Configuration Control***
- ***FMS / DLA / Interservice***

The PBL Process Notional Timeline

**Goal: 18
months
to
award!**



The PBL Process Critical Milestones

TASK	Completed Y/N	Date Completed/Estimated Completion Date
Kickoff Meeting		Month/Year
Objectives and NIIN List		Month/Year
Traditional Expenditure Analysis		Month/Year
Data to Industry & Pricefighters		Month/Year
Finalized Core Determination		Month/Year
SOW/RFP Baseline		Month/Year
Initial BCA/ROM		Month/Year
J & A Approval - not required for competitive initiatives		Month/Year
Solicitation/RFP Release		Month/Year
Pre-Contract Review Board Approval		Month/Year
Alpha Negotiation/SOW Complete		Month/Year
Final BCA/Cash Flow Analysis		Month/Year
Congressional Notification Process		Month/Year
CRB/PBL Approval		Month/Year
Certifications/Award		Month/Year

The PBL Process Scope of Effort

- ***Define scope***
- ***Develop clear understanding of expectations***
- ***Identify resources required for effort ... does scope align with available funding?***
- ***Obtain commitment from resource sponsors... early and constant focus on affordability***
- ***Key Steps:***
 - ***Identify PBL universe ... what components or systems will be covered?***
 - ***Establish Integrated Process Team (IPT)... all stakeholders must be included... ensure fleet buy-in***
 - ***Develop draft Statement of Objectives / Statement of Work... attainable, realistic, and measurable metrics***

The PBL Process Data Analysis

- ***Gather relevant support data***
- ***Provide baseline / historical data to industry***
- ***Finalize Core determination***
- ***Develop initial BCA / ROM ... begin cash flow analysis***
- ***Initiate Justification & Authorization (J&A) if required***

It is essential that Government and Industry discuss and understand program support data and baselines ... consensus starting points in demand, reliability, flight hours, future program profiles, etc. are vital to valid comparisons in the BCA

The PBL Process Contracting/Pricing

- ***Develop RFP***
- ***Initiate Congressional Notification process***
- ***Establish Alpha contracting team when applicable***
- ***Finalize SOW / metrics / model contract***
- ***Finalize contract pricing***
- ***Complete BCA / cash flow analysis ...
obtain final PBL Board approval***

Entire process is a team effort ... joint and expeditious resolution of issues at all milestones is essential to keep initiative on track to award ... flexibility, innovation, and willingness to negotiate are key

The PBL Process Business Case Analysis

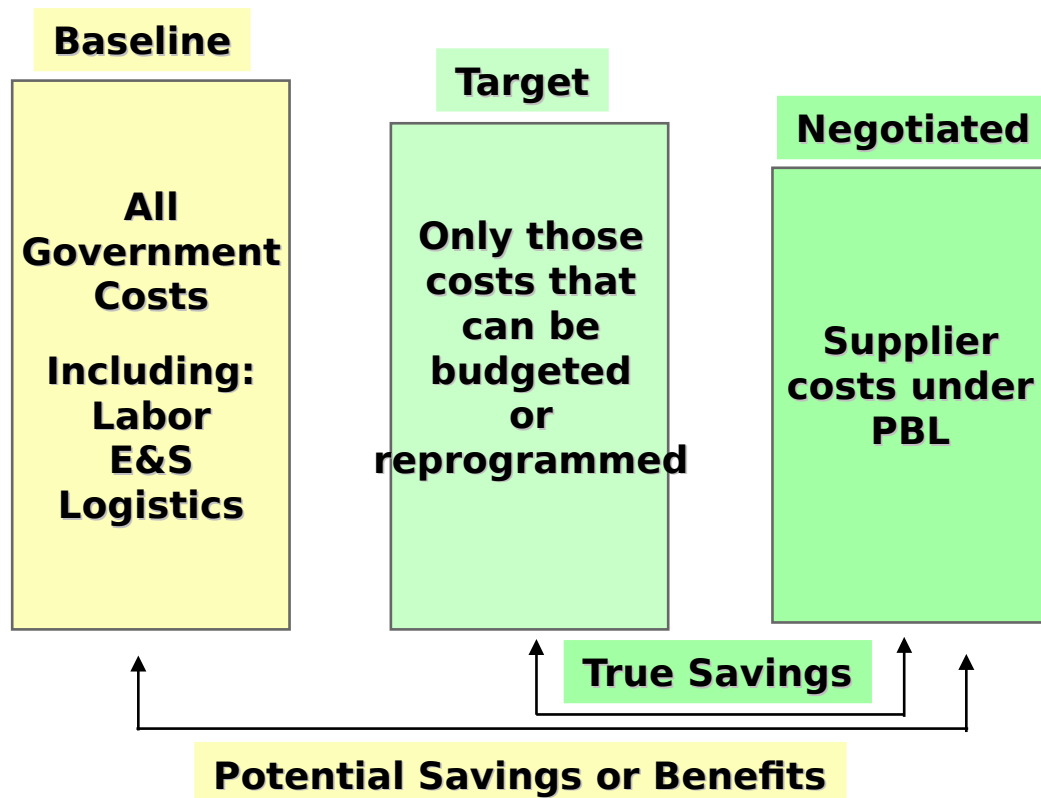
- **Government:**
 - ***Specifies desired results and outcome... not “how-to”***
 - ***Must accurately capture & forecast costs of traditional government processes***
- **Contractor:**
 - ***Proposal in response to SOW***
 - ***Can incorporate commercial best practices and industry expertise... costing based on the reengineered process***
- **BCA is the primary tool for comparing government and contractor proposals:**
 - ***Comparison of government's existing costs to contractor's proposed costs of managing and supporting the system under PBL... improve support at break-even or better***
 - ***Determines affordability of concept and financial viability of PBL support***
- **Critical that BCA stand up to audit... all assumptions must be justified and supportable**

Properly defined and understood scope of effort in SOW by both government and contractor members of IPT is critical... the scope is captured in the BCA

The PBL Process

Business Case Analysis

The BCA Comparison:



Properly defined and understood scope of effort in SOW by both government and contractor members of IPT is critical... the scope is captured in the BCA

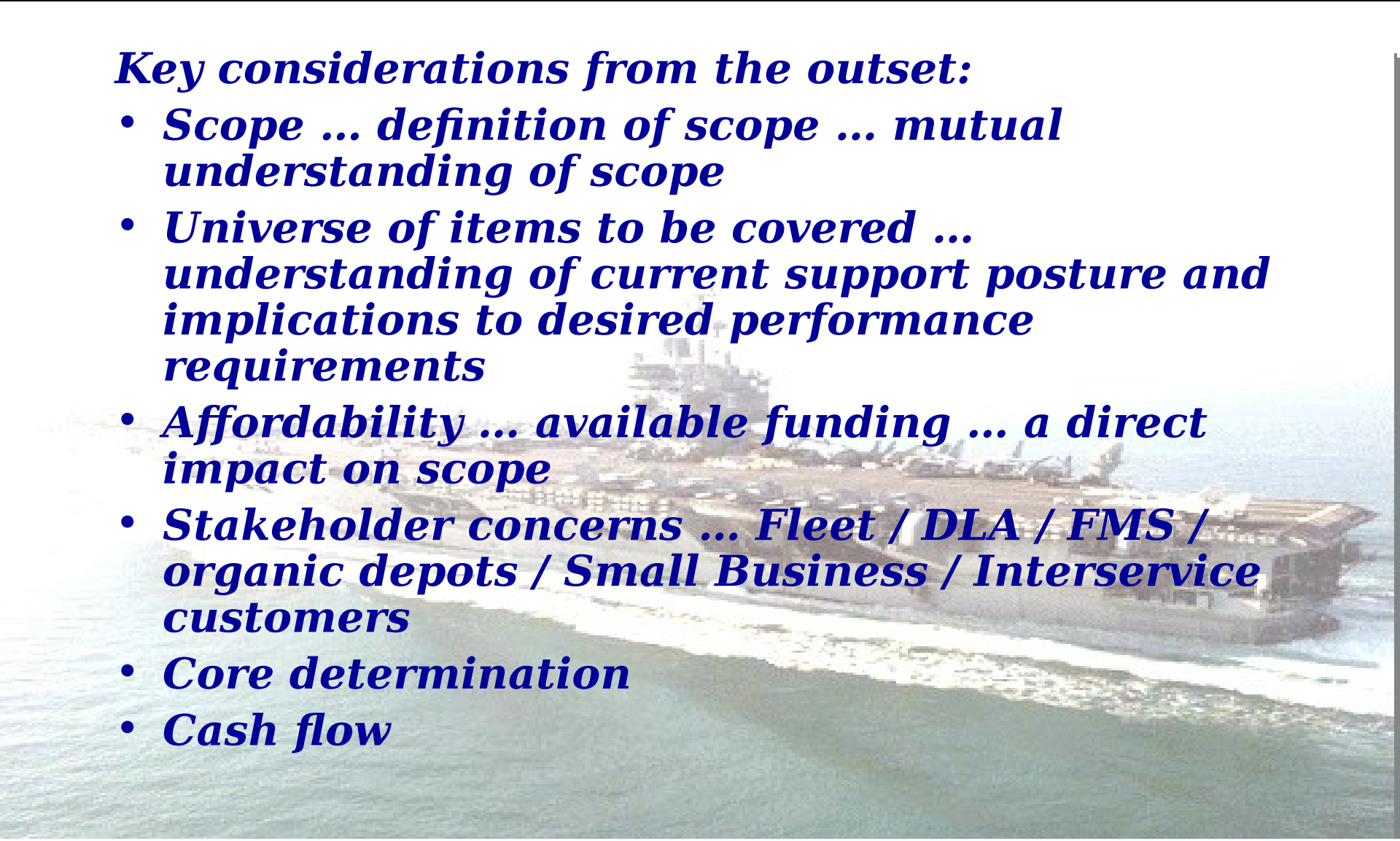
The PBL Process Business Case Analysis

BCA Assumptions

- ***PBL cannot “break the bank” and must be affordable within existing and planned funding levels***
- ***BCA can focus on the Navy Working Capital Fund (NWCF) environment or it can incorporate any “color of money”***
 - ***Any committed funding stream can be addressed in the BCA***
 - ***Commitments to directly fund the PBL contract and/or guarantees of “cuts” to traditional budgets are essential if these costs/savings are to be incorporated into the template... for example, costs for obsolescence management are only counted in the template if existing obsolescence budgets are committed to the PBL or are removed from existing budgets***
- ***Cost avoidances and intangible benefits are not included in the BCA “break-even or better” comparison***
 - ***Can be used to help “sell” the PBL initiative if below “break-even”... but only actual funding commitments or cuts to traditional budgets are part of the affordability analysis***

The PBL Process Summary

Key considerations from the outset:

- ***Scope ... definition of scope ... mutual understanding of scope***
 - ***Universe of items to be covered ... understanding of current support posture and implications to desired performance requirements***
 - ***Affordability ... available funding ... a direct impact on scope***
 - ***Stakeholder concerns ... Fleet / DLA / FMS / organic depots / Small Business / Interservice customers***
 - ***Core determination***
 - ***Cash flow***
- 

Where We Are

Aviation Successes:

F/A-18E/F FIRST



F404 Engine



H-60 Tip to Tail:



- \$750M over 5 years
- Awarded May 2001
- Over 100 systems
- 131 suppliers: 15K parts
- Inventory management / warehousing / MIS / engineering
- Reliability improvements
- Teaming with 3

- \$510M contract with 5-year base and five 1-year options
- Awarded July 2003
- Partnership with NADEP Jacksonville ... best practices/technology insertion
- Covers 27 repairable components
- Guaranteed 85% availability ... pre-PBL SMA 55%
- Repair process improvement incentives

- \$417M with 5-year base period
- Awarded December 2003
- Partnership with 5 depots
- Covers 540 NSNs
- Guaranteed availability 85%
- Obsolescence management
- Inventory management

Where We Are

Maritime Successes:

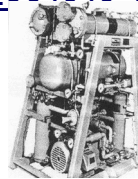
AEGIS Spy 1 Radar



LOCKHEED MARTIN

- \$33.5M over 4-year base with one 4-year option
- Awarded March 2002
- 1600 line items; transitioned from Mini Stock Point to Full PBL
- Minimum fill rate 87%
- Requirements determination
- Class II Config Auth

DDG Flt IIA REEFER



- \$4.1M with 1-year base & four 1-year options
- Awarded May 2003
- 38 units (2 per 19 ships)
- 1 integrator (Bath Iron Works) w/sub to OEM (York)... all ILS elements managed by Bath
- Availability & reliability improvement plan
- Multiple funding line: first 2 years PEO Ships & ICP; next 3 years includes Fleet

NATO Sea Sparrow/ TAS/MK-23

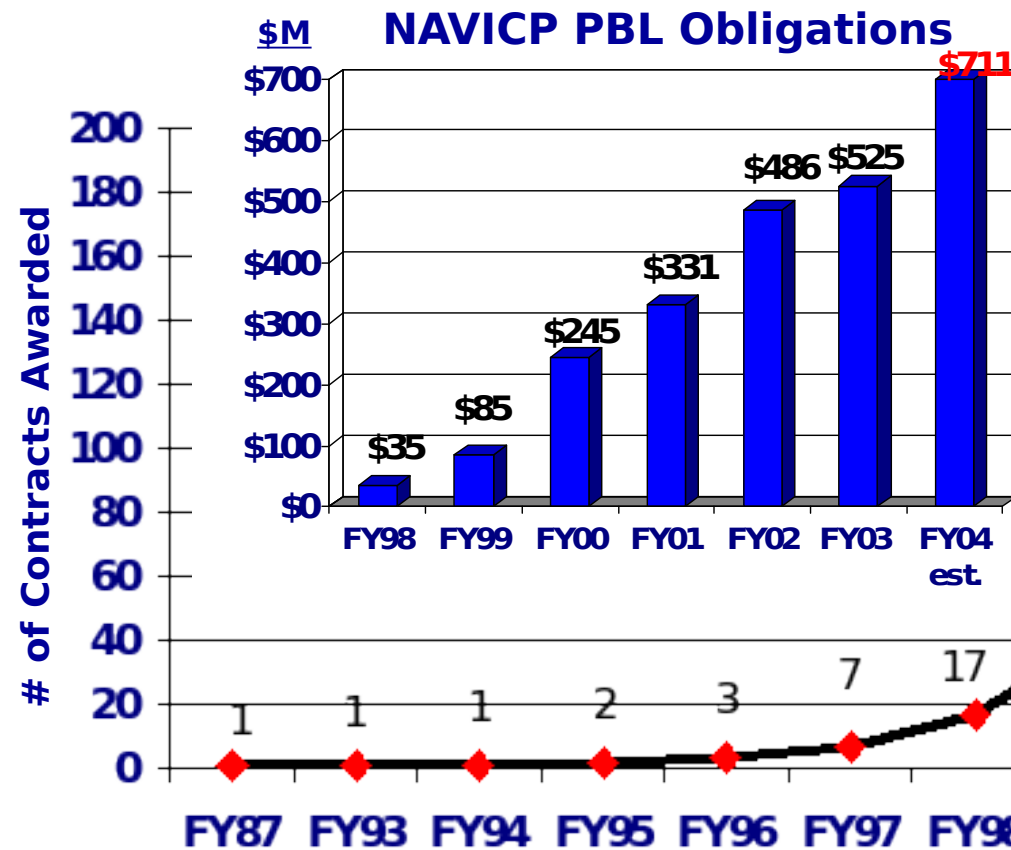


Raytheon

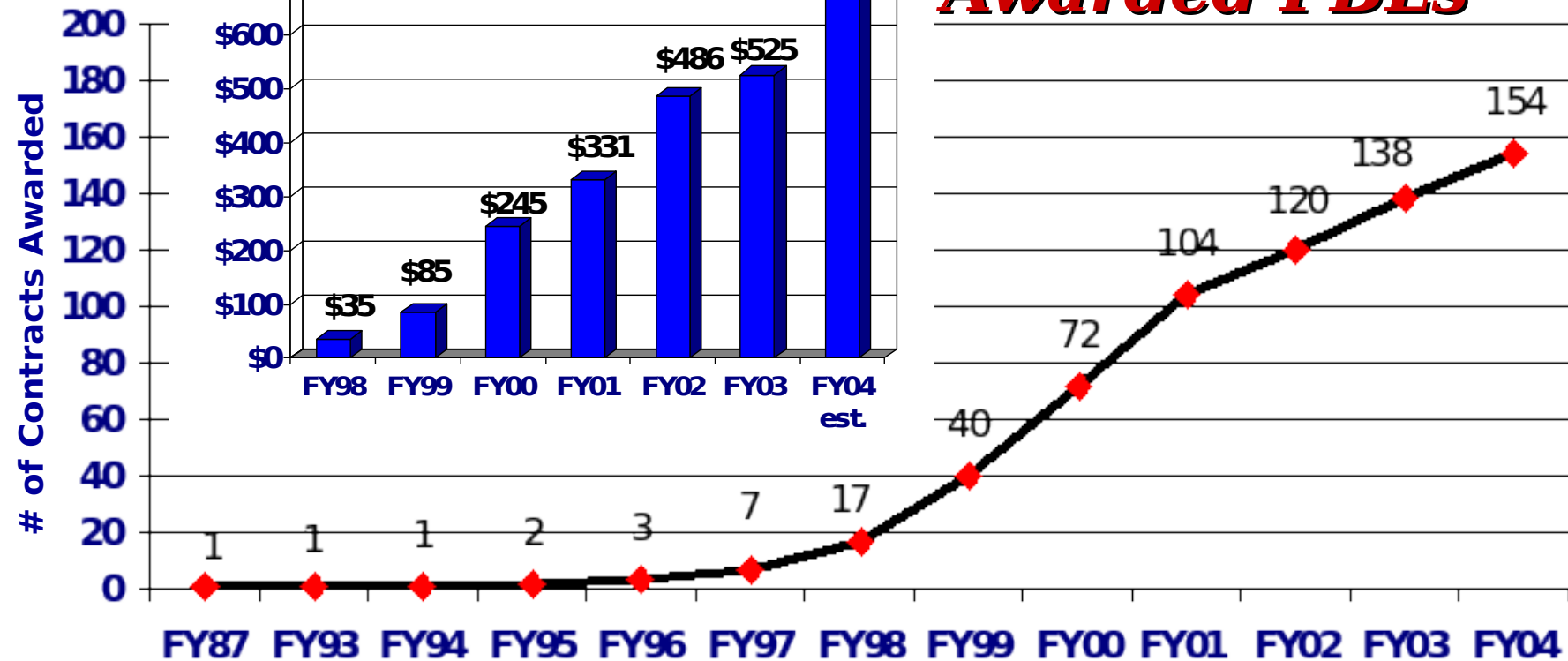
- \$30M with 5-year base, no options
- Awarded October 2003
- Guaranteed availability
- Reliability growth
- Configuration management
- Requisition support, repairs & builds
- Class II ECP's

Where We Are

Over 42K aviation demands covered by PBL in FY04, 14% of total



Awarded PBLs



Where We Are

PBL Successes ... A Sampling

- ***F/A-18 SMS - availability was 65% ... now 98%***
- ***CIWS - availability was 85% ... now 95%***
- ***Tires - availability was 81% ... now 98%***
- ***ARC - 210 Radio - availability was 70% ... now 85%***
- ***AEGIS - availability was 85% ... now 95%***
- ***APU - availability was 70% ... now 90%***
- ***F-14 LANTIRN - availability was 73% ... now 90%***
- ***H-60 Avionics - availability was 71% ... now 85%***
- ***F/A-18 E/F FIRST - 85% availability ... F/A-18 C/***
73%

Where We Are

PBL Successes ... A Sampling

Improved Availability: ***CIWS ... was 85%, now 95%***
F-14 Targeting System ... was 73%,
now 90%

Better Response: ***F-18 Stores Mgmt System ...***
Customer Wait Time ***(CWT) was 47 days, now 7***
Auxiliary Power Unit (APU) ... CWT
was 35 days, ***now 6 ... RTAT was 162 days,***
now 38

Guaranteed Reliability: ***Radar Warning Receiver ... 53%***
increase

H-60 FLIR ... 40% increase

Making Steady Progress ... Continuing to "Raise the Bar"

Reduced Inventory: Tires ... no inventory, no warehouse

Continuous Process Improvements

- ***Candidate Selection Process***
 - ***Smarter ... balancing needs with Fleet, SYSCOMs, NAVICP (Opportunity Index, Top 500, Kelly Index, etc) ... no shortage of PBL candidates***
 - ***Permission to Proceed template ... up front buy-in to resource commitment ... true stakeholder understanding of "Why PBL?"***
- ***In-Work Execution Process***
 - ***PBL Project Timelines ... consistent framework for realistic POA&Ms ... all key elements identified***
 - ***Bi-weekly milestone reviews with senior leaders***
- ***Post-Award Process***
 - ***Improved tracking of PBL metrics***
 - ***PBL Metrics pilot in works***

Where We Need To Go

- ***Target new systems***
 - ***PBL needs to be addressed at beginning of acquisition process ... plan for performance based sustainment up front***
 - ***Reduce government inventory / infrastructure investment ... minimal logistics footprint***
 - ***Pursue PBL for all new systems... involve ICP in acquisition phase***
- ***Reduce negotiation timeline***
 - ***Current track to PBL award ... 12-24 months***
 - ***Standardize SOW ... keep flexible, but bring 80% solution to the table***
 - ***SYSCOM team looking to streamline/align process***
 - ***Maximize logistics and contracting collaboration***

Take Aways

Why they work:

- *We buy comprehensive performance package... not individual parts*
- *This approach totally reverses vendor incentive*
 - *Fixed price “pay for performance” contract now motivates vendor to reduce failures / consumption*
 - *Long term commitment enables vendor to balance risk vs. investment*
- *Improves Parts Support ... Material availability increases + Logistics Response Time (LRT) decreases resulting in Improved Readiness*
- *Optimizes Depot Efficiency ... Repair Turn Around Time (RTAT), Awaiting Parts (AWP), & Work in Process (WIP) decrease*
- *Invests in Reliability ... Mean Time Between Failures (MTBF) improves*
- *Shortstops Failures ... reduces off-station demand*

Vendor
Actions

Procuring the Performance “End-State” ... NOT the “How To”

Take Aways

PBLs ...

- **Proven approach to cost wise readiness**
 - *Vendor investments enhance legacy support*
 - *Vendor assumes risk for new systems*
- **The solution to today's tough challenges**
 - *Vendor manages obsolescence*
 - *Vendor inserts technology*
 - *Vendor improves reliability*
- **The "enabler" for future savings**
 - *Vendor performance opens the door to inventory / supply chain efficiencies*
 - *Vendor engagement as early as possible in the*

Take Aways

*Buying weapon system performance...
buying optimized logistics support*

- **Aggressive Growth ... “Bigger”, “Broader” PBL**
- **Early Involvement ... TLCSM “cradle to grave” team approach**
- **Accelerate Process ... improve collaboration...beat 12-24 mos.**
- **Improve Reliability ... cost-wise readiness**
- **Public / Private Partnerships ... they work ... better output**

Acquisition

Sustainment



Back Up

Why Partner?

- ***OSD Policy***
- ***Satisfies Title 10 USC***
- ***Effective Use of Depot Expertise -
Strike Proof, Skilled***
- ***Stable Depot Workload***
- ***Material Support***
- ***Sharing of Best Business Practices***
- ***Technology Insertion***

Where We Are Partnerships

Why Partner?

- ***Reliability Improvements Encouraged***
- ***Reduces TAT, and Inventory Requirements***
- ***Defined Workshare***
- ***“Partners”, Not “Competitors”***
- ***Sharing vs. Maintaining Competitive Edge***
- ***Improved Readiness at Reduced Costs***

Where We Are FMS Clauses in PBL

- ***Requisition Processing***

- ***CLSSA requirements covered under PBL... traditional support commitment maintained... same delivery/availability metric as USN***
- ***DRP/Initial requirements filled as stock position permits***

- ***Notification of Configuration Changes***

must ensure that all elements of traditional FMS support will continue in PBL environment ... PBL features, obsolescence management and reliability improvements should improve FMS ROR support

Where We Are FMS Customer Participation

- ***Potential that FMS Customers become full PBL participants using CLSSA RIRO procedures***
- ***To obtain full PBL coverage FMS Customers would need to provide the following (for Aviation initiatives):***
 - ***Past flying hours***
 - ***Future flying hours***
 - ***Past demand data***
 - ***Past repair data***
 - ***Current configuration data***
- ***Funding procedures must be addressed***
- ***FMS Customers would receive same reliability improvement and availability performance metrics as USN***
- ***Unique FMS metrics are possible***



Where We Are

NAVAL INVENTORY CONTROL POINT

Aviation Awarded PBLs

Contractor	PBL	Date	Type	Depot	Status	Contract	Contractor	PBL	Date	Type	Depot	Status	Contract
Boeing	F-18 ARF	Dec-95	M			N0038302G001H0015	Lockheed	E-2 APS-145	Feb 01	M		Exp	N00383-99-D-009F
Litton	Common RINU	Sep-96	F			N00383-96-D-035G	Tel Inst	SE IFFITS	Mar 01	F			N00383-01-D-003P
Lear	H-46 AHRS	Sep-97	F-LECP		Exp	N00383-97-D-020G	NWS Crane	S-3 Elec Tubes	Apr 01	O			MOA
NWS Crane	P-3 SSIP	Oct-97	O			MOA	Boeing	F/A-18E/F FIRST	May 01	P	Multi		N00383-01-D-001H
Testek	SE AGTS	Apr-98	F			N68335-98-C-0216	Charleston	P-3 EP-3J Mod	May 01	O			N0038301WXZ3111 (APN-6 funded)
GE Strother	Engines T-700	Sep-98	M		Exp	N000383-98-D-022F	Lockheed	SE EOSS+	Jun 01	F			N68335-01-C-0001
GEC Marcon	Common SCADC	Sep-98	F			N00383-98D-014G	TRW Inc.	E-2 GRIIM RePr	Sep 01	F-LECP			N00383-01-C-008F
Sikorsky	H-60 Damper (rolled into T2T)	Mar-99	F		Exp	N00383-01-D-002N	Smith Ind.	Common ASN-50	Oct 01	LTC			N00383-01-D-018G
Rolls-Royce	Engines T-406 PBTH	Mar-99	CLS			N00019-95-C-0209	Raytheon	H-53 HNVS FLIR (renewed)	Oct 01/ Mar 03	F			USZA95-98-C-0006/USZA95-03-C-0004
Marconi	Common NGS	Jul-99	F-LECP			N00383-99-D-021G	Honeywell	C-130 APU	Feb 02	F			N000383-00-D-007J
Smith Ind.	F-18/F-14/AV-8 SMS	Sep-99	F			N000383-99-D-009D	Honeywell	F-18 E/F APU	Feb 02	P	CP		N00383-00D-007J
Raytheon	Common ALR-67(V)3	Oct-99	F			N00383-99-D-020G	Kollsman	AH-1W NTS	Apr 02	M			N00383-01D-012G
Honeywell	EA-6B EFIS	Dec-99	LTC			N00383-00D-002B	Lockheed	H-60 Avionics (rolls into T2T Oct 2004)	May 02	F			N00383-02-D-009G
Deval	SE AHE	Dec-99	F			N00383-00-D-007P	FST Jax	SE SALSA	Jul 02	O			MOA
NAVAIR/ Dyncorp	SE GOSSPL	Feb-00	MOA			N00383-00-D-003P	LSI	T-2 Cockpit (renewed)	Mar 99 Jul 02	M			N00383-02D-006A
LMIS	SE CASS/CASS CSP	Dec 97 /May 00	F			N6833501C0009/ N68335-03-C0246	Raytheon	Common ALE-50A	Aug-02	F			N00383-02-D-010G
Honeywell	S-3/E-2/C-2/F-18-A-D/ P-3 APU's	Jun-00	P	CP		N00383-00-D-007J	Keyport	EA-6B Tailpipes	Dec-02	O			MOA
Dyncorp	SE QEC	Jun-00	O			MOA	Rolls-Royce	Engines AE2100D3 PBTH	Dec-02	CLS			N00019-03-D-0002
Raytheon	V-22 NAVFLIR (renewed)	Jun 00/ Mar 03	F			USZA95-98-C-0006/USZA95-03-C-0004	Sikorsky	H-60 Dyn Comp (rolls into T2T Oct 2005)	Feb-03	F			N00383-03D-007N
FST Noris	SE CRATE	Jun-00	O		Exp	N00383-02-D-001P	BAE	SE EWSE (renewed)	Jan 01 /Feb-03	F			N00383-03D-001A
Multi Rae	SE Gas Detector	Jun-00	F			N00383-00-C-013P	AAI	SE JSECST (interim PBL for 3 yrs)	Mar 03	M			N68335-03-D-0005
Sikorsky	H-53 MRH	Jul-00	M			N00383-97-D-016N (mod.#P 00014)	Boeing	F/A-18 MSP (mod to ARF)	May 03	M			N0038302G001H0015
Sikorsky	H-53 MGear Box	Jul-00	M			N00383-97-D-013N (mod.#P 00010)	GE	Engines F404	Jul 03	P	Jax		N00383-03D-011M
Kaman	H-2 A/C	Aug-00	F				Lockheed	SE CASS Hi Power	Jul-03	F			N68335-03C-0011
L-3 Comm	E-2 EMDU	Aug-00	F-LECP			N00383-00-C-019F	Kaiser	F/A-18/F-14 HUD/DDI	Sep-03	P	Jax/Ni		N00383-03-D-100H
Boeing	V-22 DLRs	Jan 01	F			N00383-99-G-009N (APN-6 funded)	Raytheon	H-60 FLIR	Sep 03	P	Jax		N00383-03D-006A
FST Jax	SE EOTS	Jan 01	O			MOA	Ham Sundst	H-46 APU	Oct 03	P	CP		N00383-04D-001J
Rockwell	Common ARC-210	Jan 01	F			N00383-01-D-003G	Honeywell	H-53 APU	Oct 03	P	CP		N00383-00-D-007J
						N00383-01-D-004F					Jax/Ni/ CP CCAD Toby		
Lockheed	F-14 LANTIRN	Jan 01	F			N00383-00-D-042G	MHSCO	H-60 Tip to Tail	Dec 03	P			N00383-04D-028N
Michelin	Common Tires	Feb 01	F				Honeywell	F404-400/402 Main Fuel Controls (APU add-on)	Jun 04	P	Jax		N00383-00-D-007J
Jay-Em	EA-6B Main Wheels	Feb 01	LTC			N00383-01-D-007B	F.A.G.	Engines TF-34 Bearings	Jul 04	F			N00383-04-D-001M
							GE	Engines T-700 (follow-on)	Sep 04	F			



Where We Are

NAVAL INVENTORY CONTROL POINT

Aviation PBL Initiatives In Work									
Contractor	PBL	Type	Depot	EAD	Contractor	PBL	Type	Depot	EAD
Raytheon	P-3 APS-137B	F		J an 05	Boeing	V-22 CLAWS	P	TBD	Sep 05
GE	Engines F414 C&A	P	J ax	Nov 04	Raytheon/Boeing	F/A-18/AV-8 APG-65/73 (add-on to FIRST)	F		Oct 05
BAE	Common ALQ-126B	P	J ax	Nov 04	Boeing	F/A-18 FIRST Follow-On	P	Multi	Oct 05
Ontic	Engines T-58/T-64 Main Fuel Controls	P	CP	Dec 04	Northrup/Grumman	AV-8B Litening Pod	P	J ax	Oct 05
Smiths Aerospace	F/A-18 SMUG	F		J an 05	Honeywell	Common Advanced Multi-purpose Displays (AMC&D)	F		Oct 05
GE	Engines T-64	P	CP	J an 05	General Dynamics (GDIS)	Common Advanced Mission Computer (AMC&D)	F		Oct 05
MHSCo	H-60 T2T (Phase II)	P	Multi	Feb 05	Lockheed Martin	MH-60R/S Common Cockpit	P	TBD	Mar 06
Moog	F/A-18 LEF Actuator	P	NI/J ax	Mar 05	TBD	F/A-18 J HMCS	P	Crane/Warner Robins	Aug 06
Rockwell Collins	E-2 RROSE/H-1 Avionics	P	NI	Mar 05	Parker Hannifin	F/A-18 TEF Servo and Horizontal Stab.	P	NI/J ax	TBD
Sikorsky	H-53 Phase I	P	CP	Apr 05	TBD	EA-6B ALQ-99	TBD		TBD
Pratt & Whitney	Engines J -52	P	J ax	May 05	Lockheed Martin	E-2 APS-145	F		TBD
Northrup/Grumman	EA-6B TJ SR (ICAP III)	P	Crane	May 05	Competitive	F-14 Hydraulics EA-6B Hydraulics	P	J ax/NI	TBD
Competitive	AV-8B HISS	P	CP/NI	J un 05	GE	Engines F414 Depot Components	P	J ax	TBD
Raytheon	Common ALR-67 option	F		J un 05	Boeing	H-46 Comp Phase I	P	CP	TBD



Where We Are

NAVAL INVENTORY CONTROL POINT

Maritime Awarded

Contractor/Activity PBL

Contractor/Activity	PBL	T	Awd Dt
Integrapp	ICAS	C	Jan-96
AEA Technology	Isotopes	C	Sep-96
GTSI,SOSI&Seabird	AN/SQQ-32(V), BSP	C	Oct-97
Zodiac	F-470	C	Dec-97
Lockheed Martin	AEGIS (LM)	MSP+	Jan-98
Ocenco	EEBD	C	Feb-98
Lockheed Martin TDS	AN/UYQ-70	C	Sep-98
NSWC Crane	AN/SLQ-32 LSS	O	Oct-98
Chromalloy	LM2500	C	Mar-99
Village Marine Technology	Reverse Os. Desal	C	Apr-99
Interlink Communicator	AN/AMP-383	MSP	May-99
SPAWARSYS SD	ADNS	O	Jun-99
SSC Charleston	NAVMACS II	O	Jun-99
Various	GPETE/CAL Stds	C	Jun-99
Lockheed Martin	MK-92	MSP	Jun-99
FTSCLANT	AN/SQQ-89(V)6	MSP	Jun-99
SSC Charleston	SSEE, Inc. B	O	Jul-99
Raytheon Service Co	Sidewinder	MSP	Aug-99
Raytheon Service Co	AN/UYA-4	MSP	Aug-99
Raytheon Service Co	AN/UYQ-21	MSP	Aug-99
SSC Charleston	NTCSS	O	Aug-99
SSC Charleston	SNAP III	O	Aug-99
SSC Charleston	NALCOMIS	O	Aug-99
SPAWARSYS St. Juliens	TAC 3	O	Aug-99
SPAWARSYS St. Juliens	TAC 4	O	Aug-99
Raytheon	Raytheon Svcs	MSP	Aug-99
Lockheed Martin	AN/BSY-2	MSP	Aug-99
Lockheed Martin	AN/BQG-5	MSP	Aug-99
SSC Charleston	JMCIS	O	Oct-99
ISSI	25 Man Life Raft	C	Feb-00
SSC Charleston	SCCTV	O	Feb-00
Raytheon	CIWS	Full	Mar-00
SSC Charleston	BGPHEs	O	Apr-00
SPAWAR	AN/WRR-12 SLVR	O	May-00
Raytheon/Newport	CCS MK2 Mod 0	Full	May-00
W.S. Darley & Co.	P100 Pumps	C	Jun-00
Triway Industries	Berthing	C	Jul-00
SSC Charleston	AN/URC-109	O	Aug-00
NUWC Keyport	MPIU	O	Sep-00
CSS Panama City	SDV	O	Oct-00
SPAWAR Charleston	SSEE Inc. D	O	Oct-00
Raytheon	AEGIS - Raytheon	Full	Oct-00

Contractor/Activity

Contractor/Activity	PBL	TYPE	Awd Dt
NUWC Keyport	CV-TSC AN/SQQ-34	O	Oct-00
Northrup Grumman/Sperry	AN/BPS-15H	Full	Oct-00
NUWC Newport RI	AN/BYQ-6	O	Nov-00
SPAWAR Charleston	TRDF	O	Jan-01
NAWC-AD St. Inigoes MD	AN/UPX 24 & OE-120	O	Feb-01
Carleton Technologies	Life Raft Inflator Cylinder	C	Mar-01
Allen Bradley	PLC	C	Apr-01
Keystone Fire Protection Co	PKP Fire Extinguisher	C	Apr-01
Katadyn North America	MROD	C	May-01
ISSI	50 Person Life Raft	C	Jun-01
LINPAC	Reusable Bulk Containers	C	Aug-01
S.E.I.	Life Raft Inflation Valve	C	Aug-01
A.W. Chesterton Co	Chesterton	C	Sep-01
Parasense	Refrigerant Leak Monitors	C	Oct-01
Lockheed Martin	AEGIS SPY 1 Radar	Full	Mar-02
NAWC-AD St. Inigoes MD	MX XII IFF	O	Mar-02
Pointer Technology	FTIC	C	Mar-02
Northrup/Grumman/Sperry	AN/BPS - 15J Radar	Full	Mar-02
SPAWAR San Diego	AN/BSQ-9(V) TFDS	O	Apr-02
Harris	WSC-8(v) 1&2	Full	Jul-02
Super Vacuum Mfg Co.	Tubeaxial Fan	C	Sep-02
Northrup Grumman/Sperry	AN/BPS-16(V) 2/3 &4	Full	Oct-02
Rexnord	Magnetic Couplings	C	Dec-02
Qualified Fasteners, Inc.	Fasteners CTC	C	Feb-03
Ocenco	EEBD Resolicitation	C	Apr-03
Northrop Grumman Corp	ASDS	Full	Apr-03
Bath Iron Works	DDG 51 Ships Store Ref	CLS	May-03
CSS Panama City	Dry Deck Shelter	O	May-03
L3 Communications	CDL-N, AN/USQ-123	MSP	May-03
Ericsson Inc.	HYDRA	C	Jul-00/Jun-03
NSWC Crane	High Security Padlocks	O	Oct-03
Raytheon	NATO Seasparrow/TAS	Full	Oct-03
BAE Systems	IFF Digital Transponder	Full	Jan-00/Oct-03
NUWC Keyport	VLS Cables	O	Oct-03
SPAWAR San Diego	TACAN	O	Nov-03
Lockheed Martin	MK-41 VLS	Full	Nov-00/Mar-04
Air Prgms-Torpedoes-ATC	AN/TPX-42(V)	O	Mar-04
Lockheed Martin	ARCI	Full	Apr-99/Sep-04
Northrup Grumman	WSN-7 & BPS-15/16	P	Sep-04
SSC Charleston	COBLU	O	Oct-04
NSWC Pt. Hueneme	SSDS/RAIDS	O	Oct-04

Maritime PBL Initiatives In

<u>Contractor/Activity</u>	<u>PBL</u>	<u>Work</u>	<u>TYPE</u>	<u>EAD</u>
Northrop Grumman	LPD-17		CLS	Oct-04
SPAWAR Charleston	SSEE, Inc. E		O	Oct-04
SPAWAR Charleston	ADAS		O	Oct-04
SPAWAR San Diego	AN/TMQ-44(v) METMF		O	Oct-04
Raytheon	AN/SQQ-32&AN/SLQ-48		Full	Oct-04
CSS Panama	AMCM		O	Oct-04
NSWC Crane	AN/SLQ-32 extension		O	Oct-04
Lockheed Martin	AN/BSY-2 & AN/BLQ-10		Full	Oct-04
SPAWAR San Diego	NECC/TIP		O	Nov-04
SPAWAR San Diego	ADMS		O	Nov-04
SAIC	ARS&RONS		Full	Dec-04
Raytheon	CEC AN/USSG-2		Full	Jan-05
Hamilton Sunstrand	Integrated Low Press Electrol		Full	Jan-05
Lockheed Martin	ASPARCS		Full	Mar-05
Raytheon	AN/USC-38		Full	Mar-05
NSWC Crane	AN/SPS-49/SPS-64		O	Mar-05
SPAWAR San Diego	AN/UMK-4 (v) NITES		O	Apr-05
NSWC Crane	BFTT,BEWT,TSSS		O	Apr-05
TBD	Sub Flight Critical Comp		Full	Apr-05
NAWC-AD	AN/SPN-35C		Full	Jun-05
DRS	AN/-SPS-67		Full	Jul-05
L3	MarCom IVCS		Full	Jul-05
SPAWAR Charleston	AN/USC-61		O	Sep-05
Raytheon	AN/SPS-73		Full	Sep-05
Northrop Grumman	AN/SPQ-9B		Full	Sep-05
Lockheed Martin	CADF Lite Antenna		Full	Sep-05
NUWC Newport	AN/BQN-17A		O	Sep-05